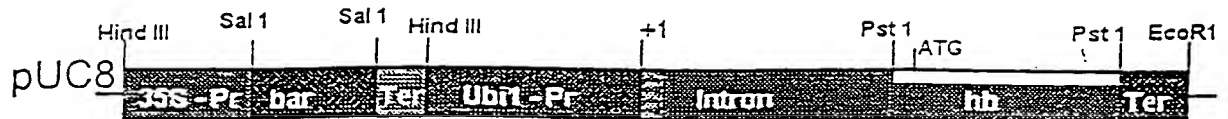


A. pAS1 (Sense)



B. pAS2 (Anti-sense)

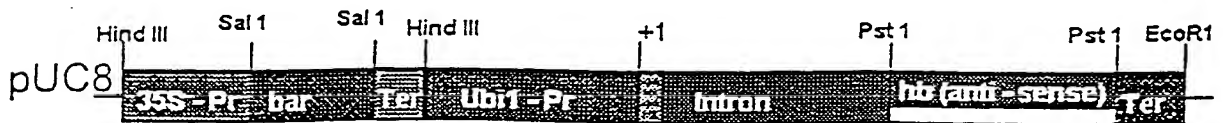
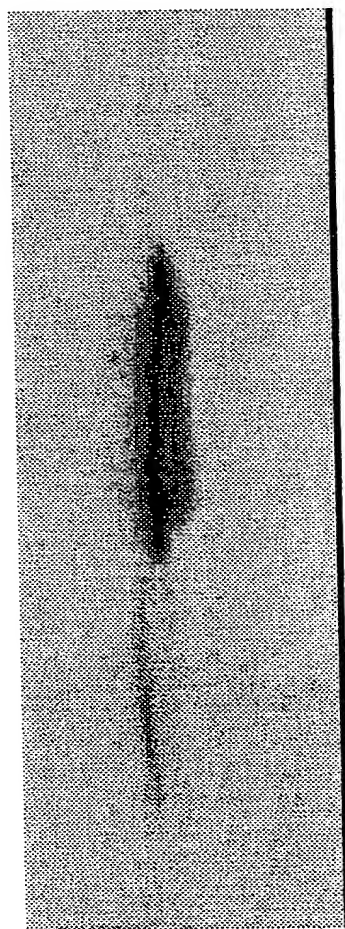


FIG. 1

Wild HB+ HB-



↑ pH

0.12 1.18 0.016

**Fraction of total
soluble protein [%]**

FIG. 2

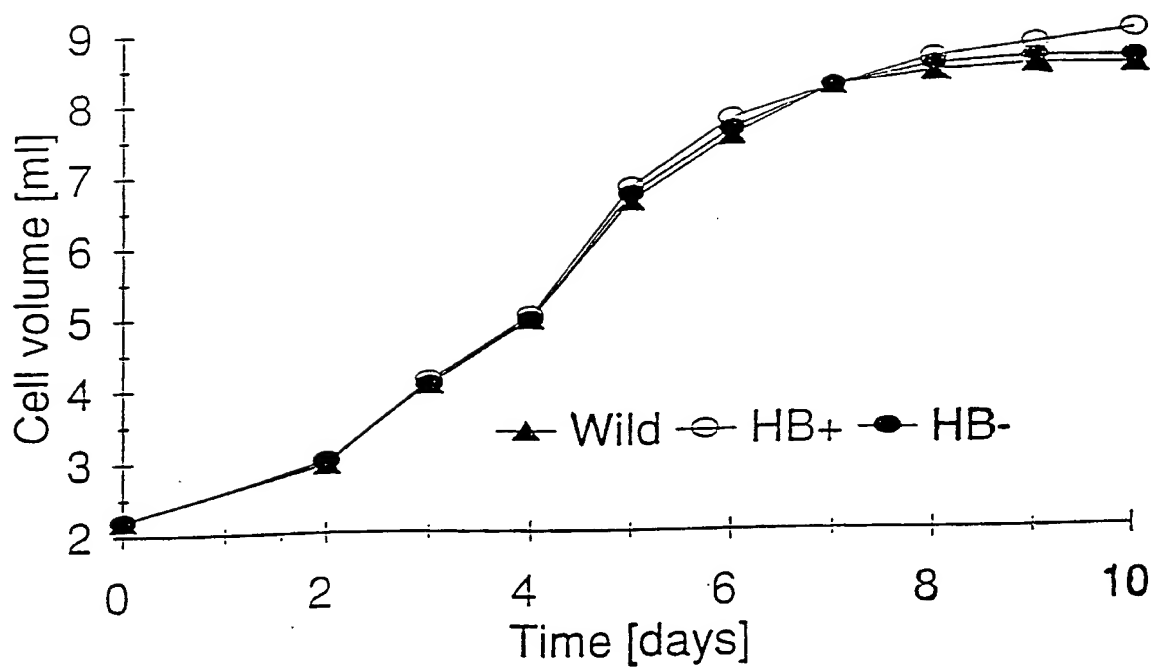


FIG. 3

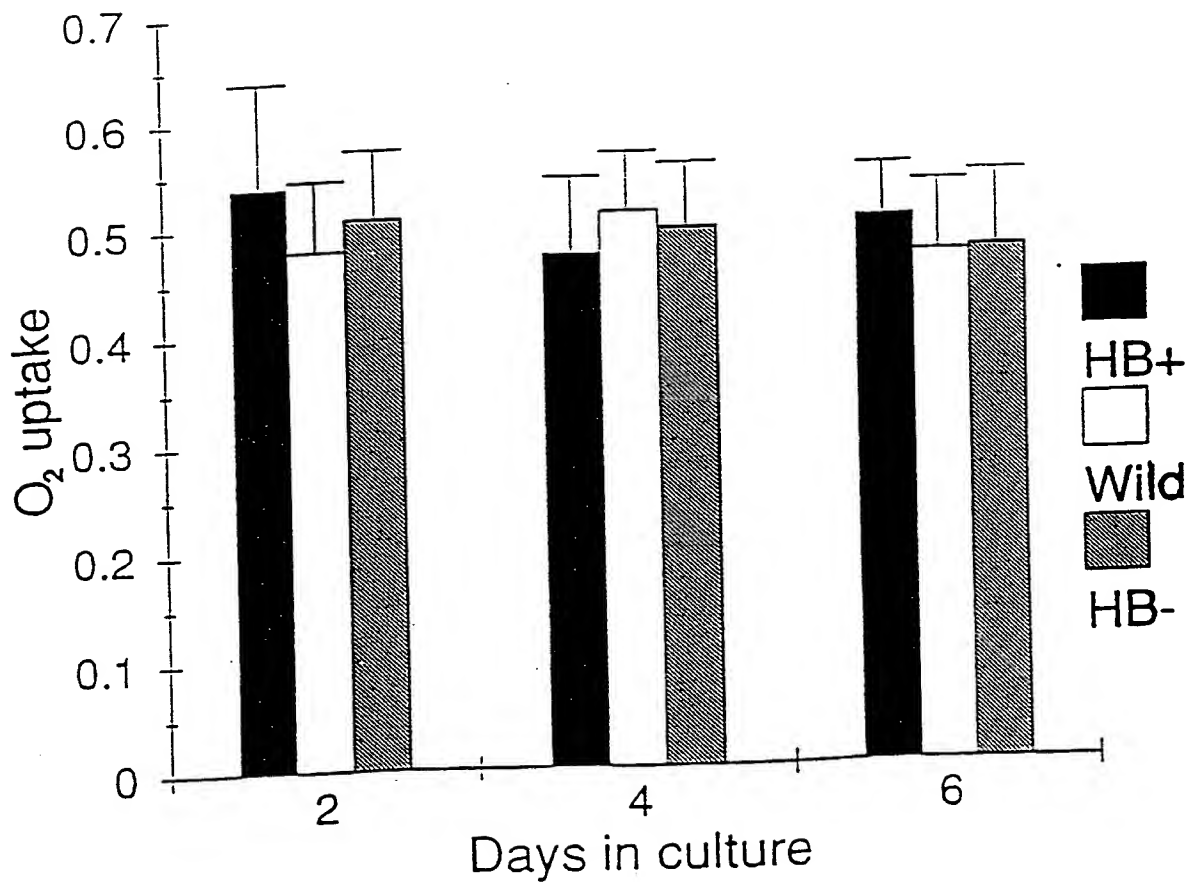


FIG. 4

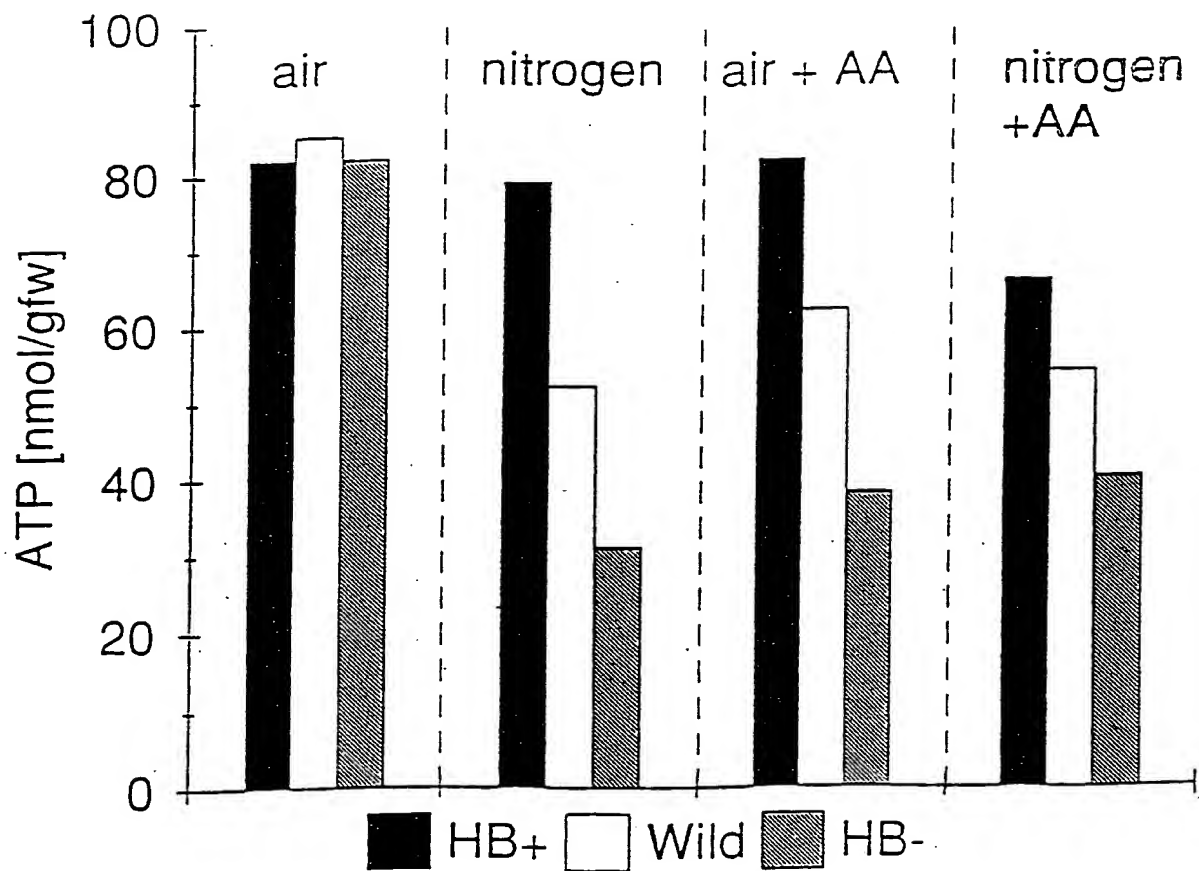


FIG. 5

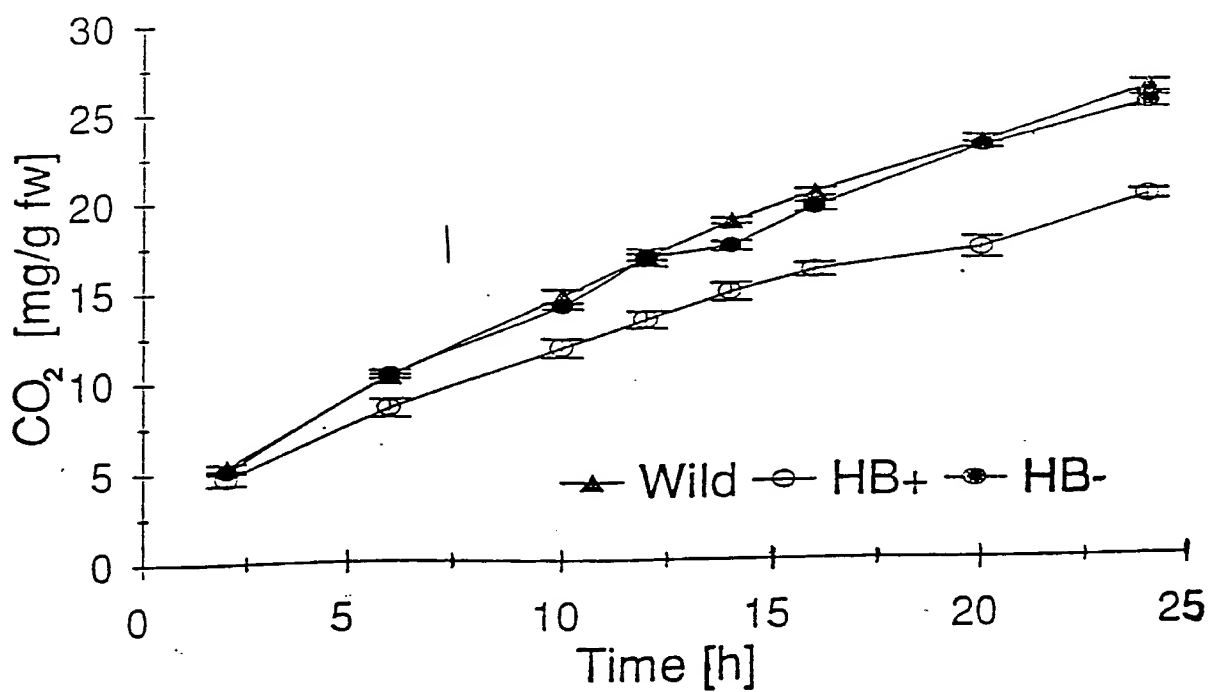


FIG. 6

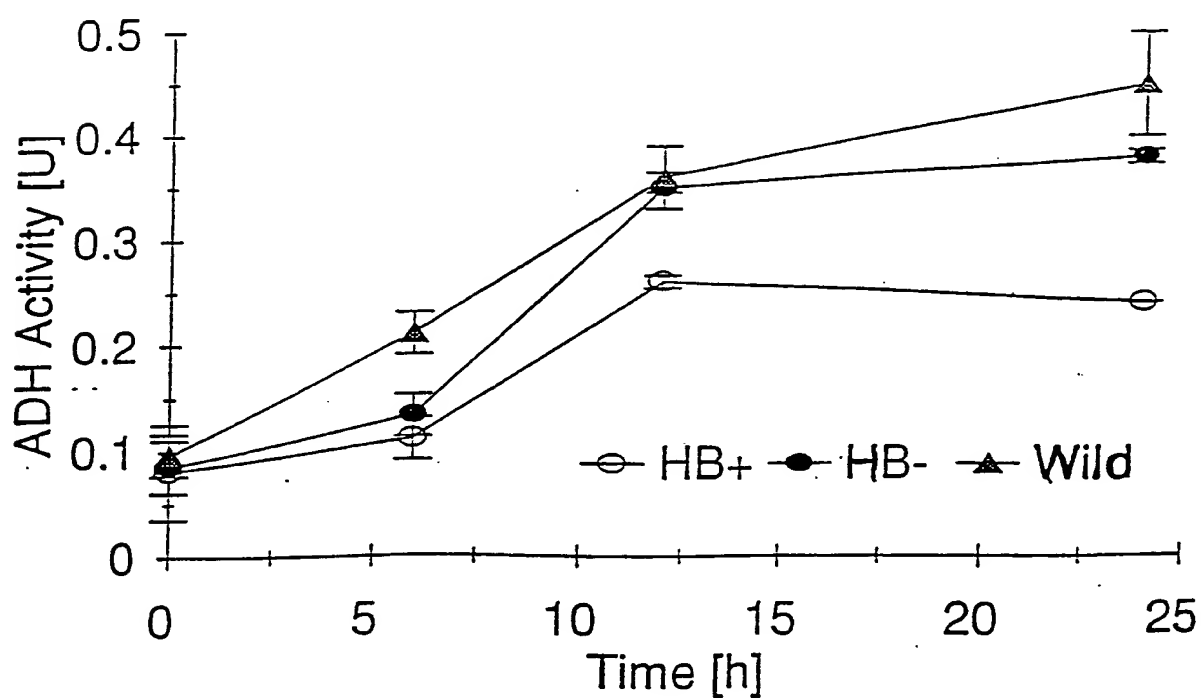


FIG. 7

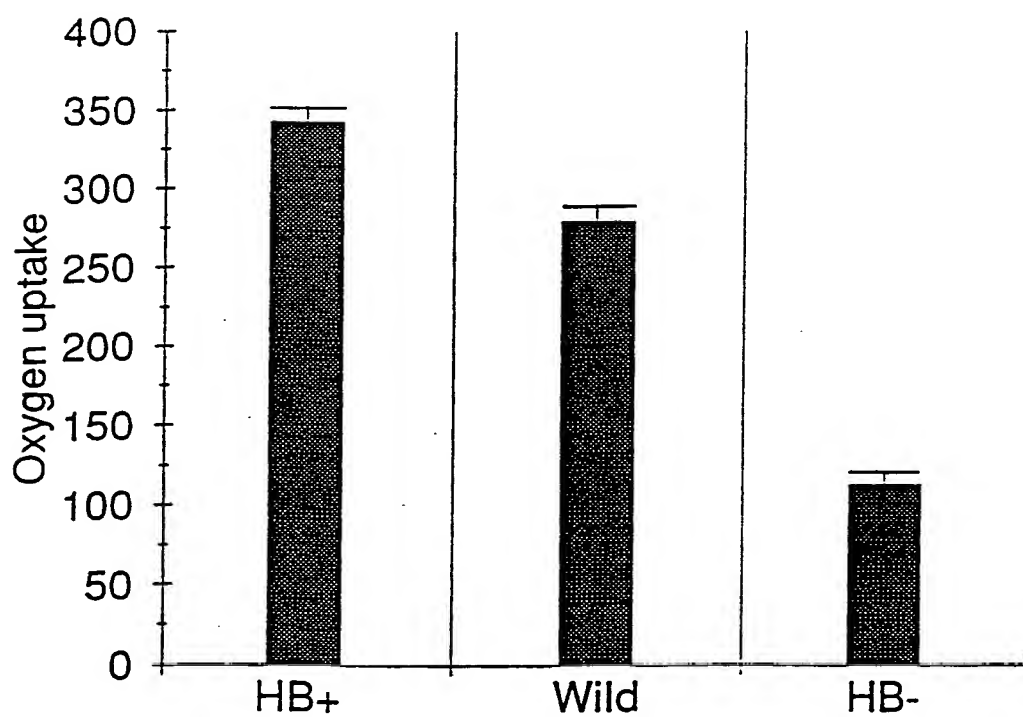


FIG. 8

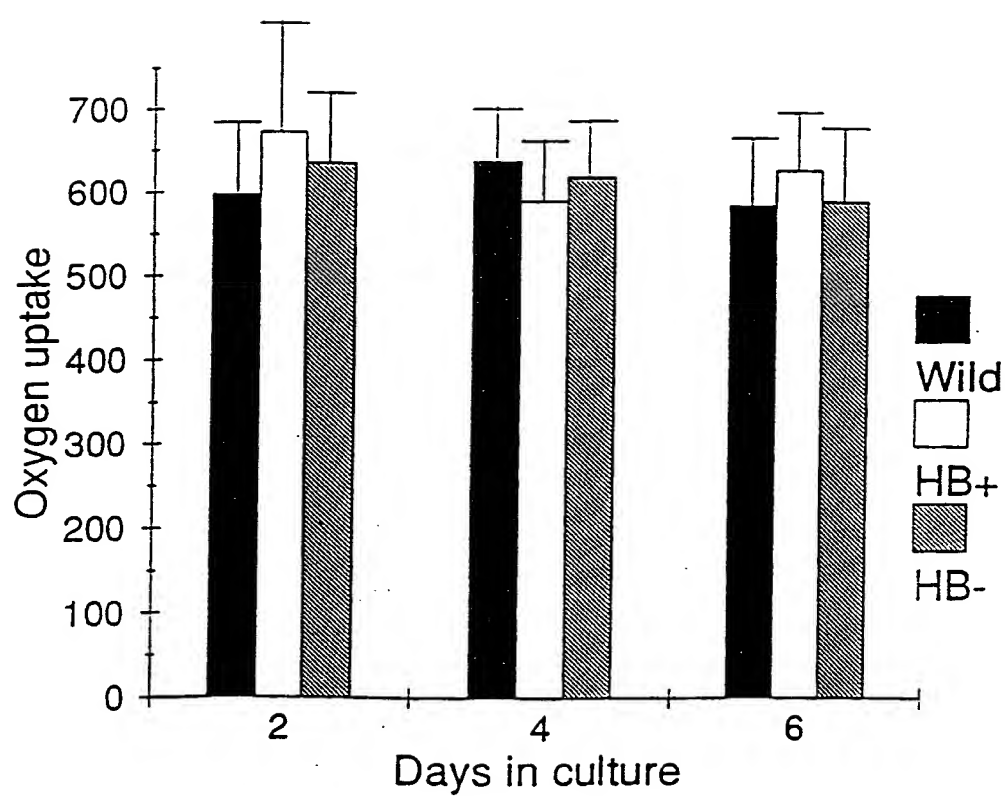


FIG. 9

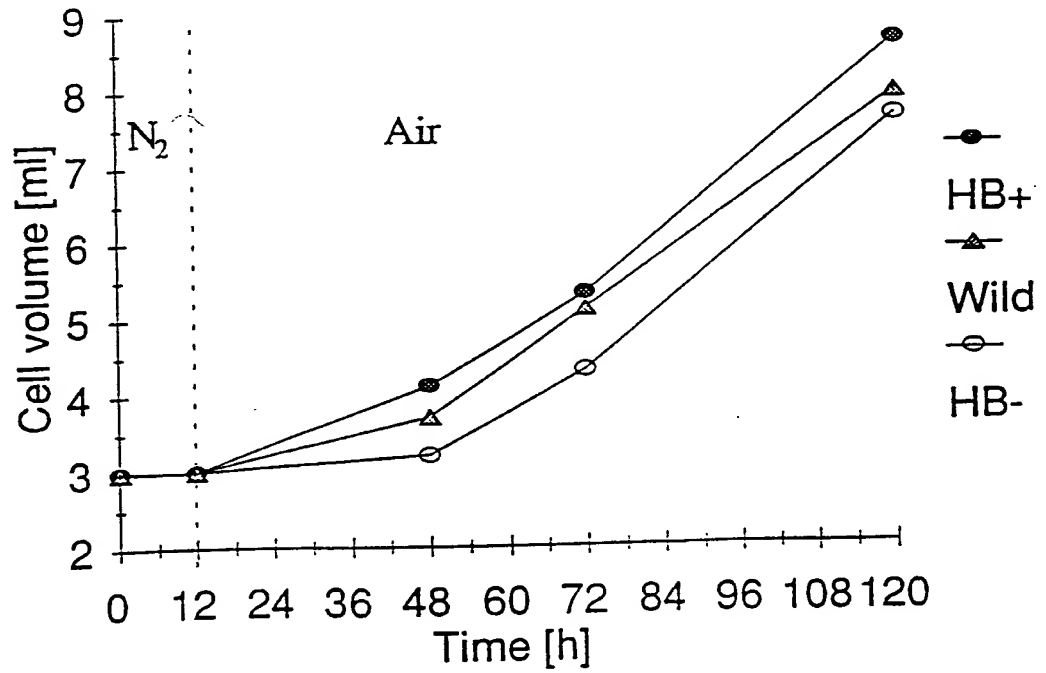


FIG. 10

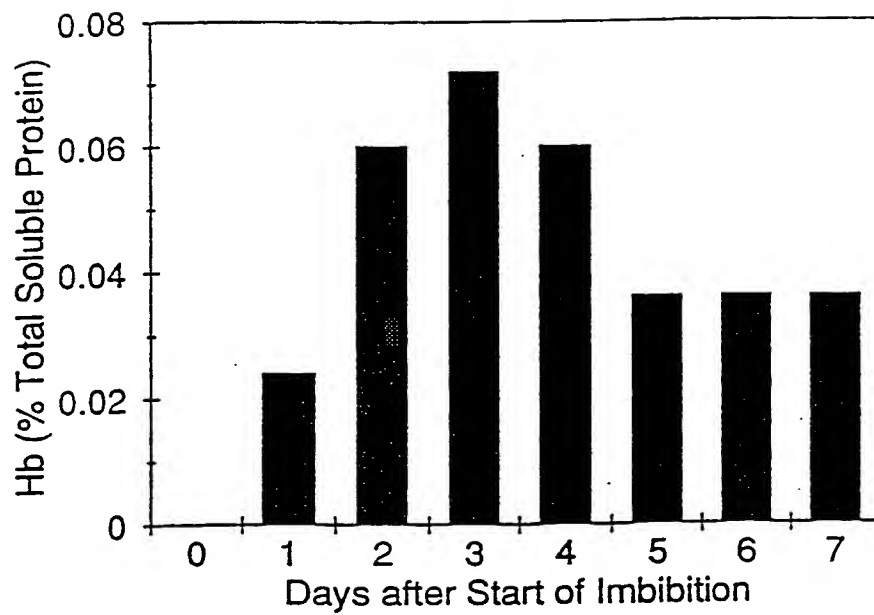


FIG. 11

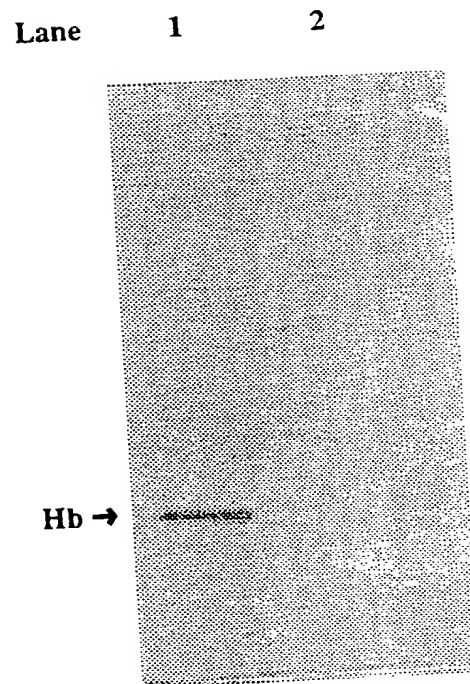


FIG. 12

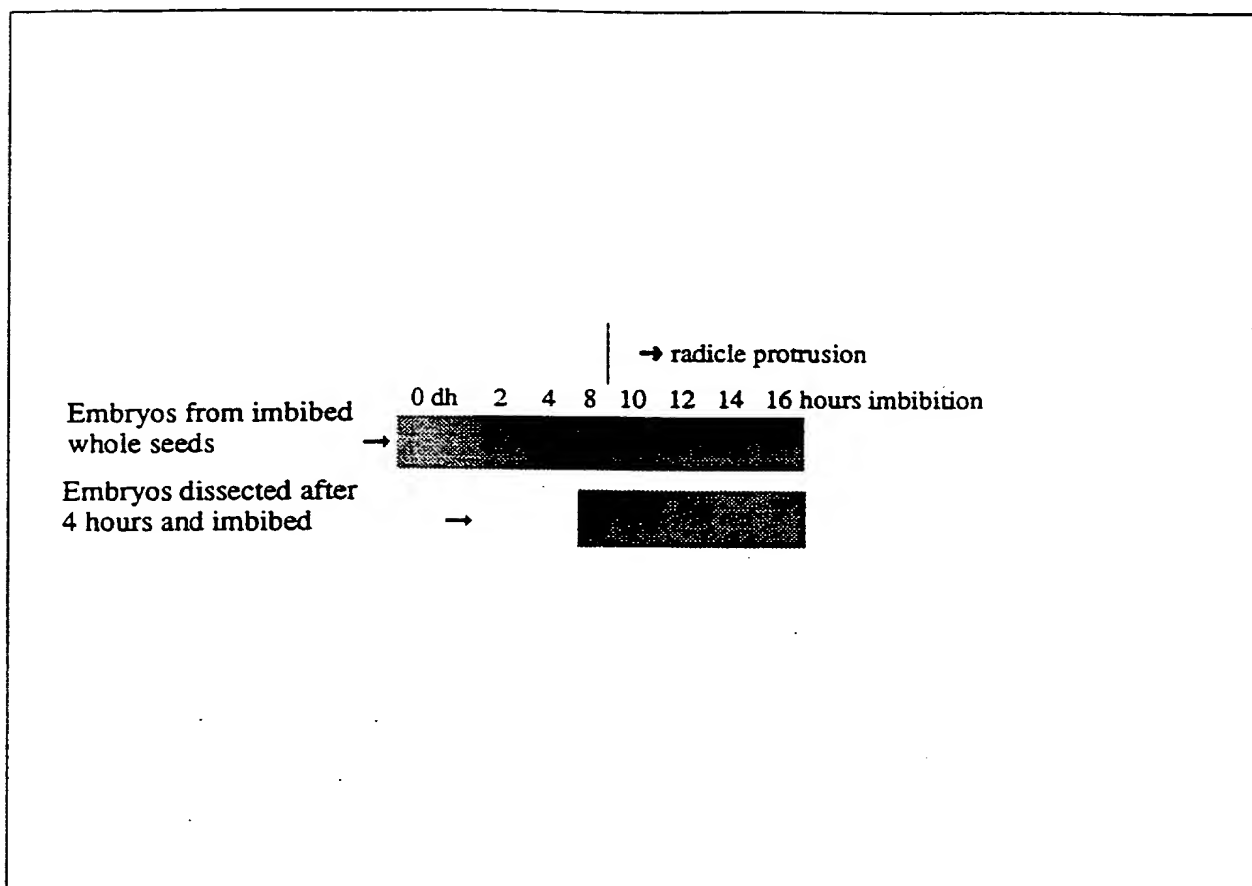


FIG. 13